

AMENDMENTS TO THE CLAIMS:

Please amend the claims as follows:

1-37. (Cancelled)

38. (Currently amended) A method for identifying a glucocorticoid receptor (GR) modulator, the method comprising:

(a) providing atomic coordinates of a GR polypeptide structure comprising an expanded binding pocket to a computerized modeling system; and

(b) modeling a ligand that fits spatially into the expanded binding large pocket volume of the GR polypeptide structure to thereby identify a GR modulator wherein the pocket volume of the A-subunit of said expanded binding pocket is increased by about 58 cubic angstroms in comparison with the corresponding A-subunit of the ~~GR/dexamethasone~~ structure having the coordinates set forth in Table 3, and the pocket volume of the B-subunit of said expanded binding pocket is increased by about 138 cubic angstroms in comparison with the corresponding B-subunit of the ~~GR/dexamethasone~~-structure having the coordinates set forth in Table 3.

39. (Previously amended) The method of claim 38, wherein the GR polypeptide is comprised within a GR polypeptide complex which further comprises a co-activator and fluticasone propionate.

40. (Previously amended) The method of claim 39, wherein the co-activator is a transcription intermediary factor 2 (TIF2) peptide.

41. (Original) The method of claim 40, wherein the TIF2 peptide comprises the sequence of SEQ ID NO: 9.

42. (Previously amended) The method of claim 38, wherein the GR polypeptide comprises the amino acid sequence set forth in SEQ ID NO: 6.

43. (Original) The method of claim 38, wherein the ligand is a non-steroid compound.

44. (Previously amended) The method of claim 38, wherein the atomic coordinates are the atomic coordinates shown in Table 2.

45. (Original) The method of claim 38, wherein the method further comprises identifying in an assay for GR-mediated activity a modeled ligand that increases or decreases the activity of the GR.

46-112. (Cancelled)

113. (Withdrawn) The method of claim 38, wherein the GR polypeptide comprises the amino acid sequence set forth in SEQ ID NO: 8.

114. (Previously added) The method of claim 38, wherein the GR polypeptide is comprised within a polypeptide complex which further comprises a co-activator.

115. (Previously added) The method of claim 39, wherein the atomic coordinates are the atomic coordinates shown in Table 2.

116. (Previously added) The method of claim 40, wherein the atomic coordinates are the atomic coordinates shown in Table 2.

117. (Previously added) The method of claim 41, wherein the atomic coordinates are the atomic coordinates shown in Table 2.

118. (Previously added) The method of claim 42, wherein the atomic coordinates are the atomic coordinates shown in Table 2.

119. (Previously added) The method of claim 43, wherein the atomic coordinates are the atomic coordinates shown in Table 2.

120. (Previously added) The method of claim 45, wherein the atomic coordinates are the atomic coordinates shown in Table 2.

121. (Withdrawn) The method of claim 113, wherein the atomic coordinates are the atomic coordinates shown in Table 2.

122. (New) A method for identifying a glucocorticoid receptor (GR) modulator, the method comprising:

- (a) providing atomic coordinates of a GR polypeptide structure comprising an expanded binding pocket to a computerized modeling system; and
- (b) modeling a ligand that fits spatially into the expanded binding pocket volume of the GR polypeptide structure to thereby identify a GR modulator
wherein the pocket volume of said expanded binding pocket is increased by between 50 and 150 cubic angstroms in comparison with the binding pocket of the structure having the coordinates set forth in Table 3.